

REVISIONS TO SPECIFICATION

Page 1, before line 1, please insert:

The present application claims priority of

- PCT/IB03/05610 filed December 4, 2003, of which this is the US national filing, and
- EP 021 02 727.1 filed December 11, 2002, which was the priority document for the PCT application.

Page 3, line 1, please amend:

~~The object as claimed in claim 1~~ One embodiment of the invention includes ~~is achieved with~~ a lighting unit having a discharge lamp, a lamp driver, a cooling device, at least one device for detecting at least one predetermined operating parameter of the discharge lamp, together with a control unit for controlling the lamp driver and/or the cooling device at least during switching on and/or off of the lighting unit in such a way that there is no excursion from a predetermined range of the at least one operating parameter.

Page 3, line 19-20, please amend:

~~The object is further achieved with a control unit as claimed in claim 9, a lamp driver as claimed in claim 10 and a projection system as claimed in claim 11.~~ Other embodiments of the invention include a control unit for use with the lighting unit, a lamp driver for use with the lighting unit, and a projection system including the lighting unit. The lamp driver may be coupled with a discharge lamp and cooling device, particularly for control during switching on and/or off.

Page 4, lines 4-15, please delete in their entirety and substitute

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Further embodiments of the invention include optional features such as:

- A sensor (33; 34) for detecting the operating parameter in the form of the temperature of a wall of the discharge vessel (11) of the discharge lamp (1);
- One of the operating parameters of the discharge lamp (1) being the lamp current and/or the lamp power;
- The range of the at least one operating parameter being so rated that the mechanical stresses in the wall of the discharge vessel (11) of the lamp (1), caused by temperature fluctuations in the discharge lamp (1), are at least substantially reduced;
- The control unit (23) being incorporated into the lamp driver (2);
- A sensor (33), connected to the control unit (23), for detecting the power of the cooling device (3) in the form of the velocity or the pressure or the volume of a gas stream directed onto the discharge lamp (1), the lamp driver (2) and/or the cooling device (3) being controllable by the control unit (23) as a function of the output signal of the sensor (33);
- The control unit (23) including a microprocessor unit and a memory for storing at least one switching schedule according to which the lamp driver (2) and/or the cooling device (3) can be controlled; and/or
- A switching schedule activatable by an off switch of the lighting unit, according to which schedule the lamp driver (2) and the cooling device (3) can be adjusted down alternately and/or stepwise.